



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

PTO/SB/08a (08-03)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

4

Complete If Known

Application Number	10/754,016
Filing Date	01/08/2004
First Named Inventor	Khalid M. Medhat
Art Unit	2661
Examiner Name	

Attorney Docket Number

1295a

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. *	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ³ (if known)			
/BAP/	1	US- 4,720,850	01/19/1988	Oberlander et al.	
	2	US- 4,730,312	03/08/1988	Johnson et al.	
	3	US- 4,736,364	04/05/1988	Basso et al.	
	4	US- 4,748,658	05/31/1988	Gopal et al.	
	5	US- 4,757,526	07/12/1988	Foster et al.	
	6	US- 4,763,317	08/09/1988	Lehman et al.	
	7	US- 4,853,955	08/01/1989	Thorn et al.	
	8	US- 5,003,584	03/26/1991	Benyacar et al.	
	9	US- 5,048,081	09/10/1991	Gavaras et al.	
	10	US- 5,051,983	09/24/1991	Kammerl	
	11	US- 5,089,954	02/18/1992	Rago	
	12	US- 5,115,427	05/19/1992	Johnson, Jr. et al.	
	13	US- 5,185,743	02/09/1993	Murayama et al.	
	14	US- 5,204,857	04/20/1993	Obara	
	15	US- 5,251,255	10/05/1993	Epley	
	16	US- 5,258,979	11/02/1993	Oomuro et al.	
	17	US- 5,271,010	12/14/1993	Miyake et al.	
	18	US- 5,274,635	12/28/1993	Rahman et al.	
	19	US- 5,282,244	01/25/1994	Fuller et al.	
	20	US- 5,289,472	02/22/1994	Cho	
	21	US- 5,291,492	03/01/1994	Andrews et al.	
	22	US- 5,327,421	07/05/1994	Hiller et al.	
	23	US- 5,339,318	08/16/1994	Tanaka et al.	
	24	US- 5,345,443	09/06/1994	D'Ambrogio et al.	
	25	US- 5,345,445	09/06/1994	Hiller et al.	
	26	US- 5,345,446	09/06/1994	Hiller et al.	
	27	US- 5,383,433	11/08/1994	Isono	
	28	US- 5,375,124	12/20/1994	D'Ambrogio et al.	
	29	US- 5,377,186	12/27/1994	Wegner et al.	
	30	US- 5,392,402	02/21/1995	Robrock, II	
	31	US- 5,420,858	05/30/1995	Marshall et al.	
	32	US- 5,422,882	06/06/1995	Hiller et al.	
	33	US- 5,425,090	06/13/1995	Ormiss	
	34	US- 5,428,609	06/27/1995	Eng et al.	
	35	US- 5,434,852	07/18/1995	La Porta et al.	
	36	US- 5,434,981	07/18/1995	Lenihan et al.	
	37	US- 5,438,527	08/01/1995	Feldbaumer et al.	
	38	US- 5,440,626	08/08/1995	Boyle et al.	
	39	US- 5,444,713	08/22/1995	Backaus et al.	
	40	US- 5,452,297	09/19/1995	Hiller et al.	
	41	US- 5,452,350	09/19/1995	Reynolds et al.	
	42	US- 5,457,684	10/10/1995	Bharucha et al.	
	43	US- 5,459,722	10/17/1995	Sherif	
	44	US- 5,469,501	11/21/1995	Otsuka	
	45	US- 5,473,677	12/05/1995	D'Amato et al.	
	46	US- 5,473,679	12/05/1995	La Porta et al.	
	47	US- 5,483,527	01/09/1996	Doshi et al.	

Substitute for form 1449A/PTO				Complete If Known	
				Application Number	10/754,016
				Filing Date	01/08/2004
				First Named Inventor	Khalid M. Medhat
				Art Unit	2661
				Examiner Name	
Sheet	2	of	4	Attorney Docket Number	1295a

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
/BAP/	48	US- 5,495,484	02/27/1996	Self et al.	
	49	US- 5,509,010	04/16/1996	La Porta et al.	
	50	US- 5,519,707	05/21/1996	Subramanian et al.	
	51	US- 5,519,690	05/21/1996	Suzuka et al.	
	52	US- 5,530,724	06/25/1996	Abrams et al.	
	53	US- 5,537,481	07/16/1996	Bridges et al.	
	54	US- 5,541,917	07/30/1996	Farris	
	55	US- 5,550,834	08/27/1996	D'Ambrogio et al.	
	56	US- 5,550,914	08/27/1996	Clarke et al.	
	57	US- 5,563,939	10/08/1996	La Porta et al.	
	58	US- 5,566,173	10/15/1996	Steinbrecher	
	59	US- 5,568,475	10/22/1996	Doshi et al.	
	60	US- 5,577,037	11/19/1996	Takatori et al.	
	61	US- 5,579,311	11/26/1996	Chopping et al.	
	62	US- 5,592,477	01/07/1997	Farris et al.	
	63	US- 5,600,643	02/04/1997	Robrock, II	
	64	US- 5,619,561	04/08/1997	Reese	
	65	US- 5,623,491	04/22/1997	Skoog	
	66	US- 5,635,980	06/03/1997	Lin et al.	
	67	US- 5,640,446	06/17/1997	Everett et al.	
	68	US- 5,673,262	09/30/1997	Shimizu	
	69	US- 5,689,550	11/18/1997	Garson et al.	
	70	US- 5,703,876	12/30/1997	Christie	
	71	US- 5,706,286	01/06/1998	Reiman et al.	
	72	US- 5,710,769	01/20/1998	Anderson et al.	
	73	US- 5,745,553	04/28/1998	Mirville et al.	
	74	US- 5,751,706	05/12/1998	Land et al.	
	75	US- 5,765,108	06/09/1998	Martin et al.	
	76	US- 5,784,371	07/21/1998	Iwai	
	77	US- 5,793,765	08/11/1998	Boer et al.	
	78	US- 5,802,045	09/01/1998	Kos et al.	
	79	US- 5,825,780	10/20/1998	Christie	
	80	US- 5,867,495	02/02/1999	Elliott et al.	
	81	US- 5,867,562	02/02/1999	Scherer	
	82	US- 5,867,571	02/02/1999	Borcherding	
	83	US- 5,872,785	02/16/1999	Klenberger	
	84	US- 5,884,262	03/16/1999	Wise et al.	
	85	US- 5,892,764	04/06/1999	Riemann et al.	
	86	US- 5,926,464	07/20/1999	Fraser	
	87	US- 5,940,393	08/17/1999	Duree et al.	
	88	US- 5,940,491	08/17/1999	Anderson et al.	
	89	US- 5,949,791	09/07/1999	Byers et al.	
	90	US- 5,956,334	09/21/1999	Chu et al.	
	91	US- 5,991,301	11/23/1999	Christie	
	92	US- 5,999,594	12/07/1999	Mizoguchi et al.	
	93	US- 6,026,091	02/15/2000	Christie et al.	
	94	US- 6,034,950	03/07/2000	Sauer et al.	

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

3

of

4

Complete If Known

Application Number	10/754,016
Filing Date	01/08/2004
First Named Inventor	Khalid M. Medhat
Art Unit	2661
Examiner Name	

Attorney Docket Number 1295a

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ³ (if known)			
/BAP/	95	US- 5,999,525	12/07/1999	Krishnaswamy et al.	
	96	US- 6,069,880	05/30/2000	White et al.	
	97	US- 6,088,749	07/11/2000	Hebert et al.	
	98	US- 6,175,574	01/16/2001	Lewis	
	99	US- 6,181,703	01/30/2001	Christie et al.	
	100	US- 6,324,179	11/27/2001	Doshi et al.	
	101	US- 6,487,200	11/26/2002	Fraser	
	102	US- 6,546,003	04/08/2003	Farris	
	103	US- 4,991,169	02/05/1991	Davis et al.	
	104	US- 5,268,895	12/07/1993	Topper	
	105	US- 5,586,177	12/17/1996	Farris et al.	
	106	US- 5,636,281	06/03/1997	Fils	
	107	US- 5,850,391	12/15/1998	Essigmann	
	108	US- 5,956,334	09/21/1999	Chu et al.	
	109	US- 6,014,378	01/11/2000	Christie et al.	
	110	US- 6,137,800	10/24/2000	Wiley et al.	
	111	US- 6,487,200	11/26/2002	Fraser	
	112	US- 6,546,442	04/08/2003	Davis et al.	
	113	US- 6,430,195	08/06/2002	Christie et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
/BAP/	114	EP0439098	07/31/1991	Tanabe et al.		
	115	WO9214321	08/20/1992	Takase et al.		
	116	JP2215247	08/28/1990	Tsuboi et al.		
	117	JP1300738	12/05/1989	Suzuki et al.		
	118	JP1013534	01/18/1989	Kamio et al.		
	119	JP2215247	08/28/1990	Tsuboi et al.		
	120	JP4180324	06/26/1992	Atsushi et al.		
	121	JP4196635	07/16/1992	Osahide		
	122	JP5327751	12/10/1993	Hyodo et al.		
	123	JP6008320	01/14/1994	Baba et al.		
	124	JP6209365	07/26/1994	Toshiro et al.		
	125	JP7250099	09/26/1995	Koshiro et al.		
	126	JP8149137	06/07/1996	Nakajima et al.		
	127	HU71152	11/28/1995	Hiller et al.		
	128	JP 7177061	07/14/1995	Kazuma et al.		

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

4

of

4

Complete If Known

Application Number	10/754,016
Filing Date	01/08/2004
First Named Inventor	Khalid M. Medhat
Art Unit	2661
Examiner Name	

Attorney Docket Number 1295a

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Description	
		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/BAP/	129	KURIBAYASHI, SHIN-ICHI; Advanced Signaling Protocol for Broadband ISDN Services; Electronics and Communications in Japan; Part 1, Volume 78, Number 1, Pages 1-12. 1995	
	130	Hungarian office action dated June 23, 1999 citing Hungarian patent number HU170127 for Hungarian Application No. P9900232; 2 pages.	
	131	Russian office action dated April 22, 2002 citing Russian patent numbers RU2013011 and RU2007880 for Russian Application No. 99112956; 6 pages.	
↓	132	HIROSHI ISHII and MASATOSHI KAWARASAKI; B-ISDN Signalling Protocol Capabilities; NTT Telecommunication Networks Laboratories; 1989; pages 41.2.1 - 41.2.5.	

Examiner Signature	/Bob Phunkulh/	Date Considered	06/21/2007
--------------------	----------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Not for submission under 37 CFR 1.99)</i>	Application Number		10754016	
	Filing Date		2004-01-08	
	First Named Inventor		Khalid M. Medhat	
	Art Unit		2661	
	Examiner Name			
	Attorney Docket Number		1295a	

U.S. PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
/BAP/	1	4491945		1985-01-01	Turner	
/BAP/	2	4991172		1991-02-05	Cidon, et al.	
/BAP/	3	5115426		1992-05-19	Spanke	
/BAP/	4	5297147		1994-03-22	Shimokasa	
/BAP/	5	5339318		1994-08-16	Tanaka, et al.	
/BAP/	6	5440563		1995-08-08	Isidoro, et al.	
/BAP/	7	5473679		1995-12-05	La Porta, et al.	
/BAP/	8	5485455		1996-01-16	Dobbins, et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		Application Number	10754016
		Filing Date	2004-01-08
		First Named Inventor	Khalid M. Medhat
		Art Unit	2661
		Examiner Name	
		Attorney Docket Number	1295a

/BAP/	9	5544163	1996-08-06	Madonna	
/BAP/	10	5568475	1996-10-22	Doshi, et al.	
/BAP/	11	5666399	1997-09-09	Bales, et al.	
/BAP/	12	5701301	1997-12-23	Weisser, Jr.	
/BAP/	13	5703880	1997-12-30	Miura	
/BAP/	14	5774530	1998-06-30	Montgomery, et al.	
/BAP/	15	5862334	1999-01-19	Schwartz, et al.	
/BAP/	16	6249572	2001-06-19	Brockman, et al.	
/BAP/	17	6324279	2001-11-27	Kalmanek, Jr., et al.	
/BAP/	18	6327270	2001-12-04	Christie, et al.	
/BAP/	19	6765903	2004-07-20	Allen, Jr., et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		Application Number	10754016
		Filing Date	2004-01-08
		First Named Inventor	Khalid M. Medhat
		Art Unit	2661
		Examiner Name	
		Attorney Docket Number	1295a

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S.PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
/BAP/	1	0 488 399	EP		1992-06-03	Fujitsu Limited		<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
/BAP/	1	MANU BAHL, ET AL.; "The Evolving Intelligent Interexchange Network - An SS7 Perspective;" Proceedings of the IEEE; April 1992; Pages 637-643; Volume 80, Number 4.	<input type="checkbox"/>
/BAP/	2	IBM INTERNATIONAL TECHNICAL SUPPORT ORGANIZATION; "Networking BroadBand Services (NBBS) Architecture Tutorial;" June 1995; 248 pages; First Edition; Research Triangle Park, North Carolina, USA.	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature	/Bob Phunkulh/	Date Considered	06/21/2007
--------------------	----------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Not for submission under 37 CFR 1.99)</i>	Application Number	10754016
	Filing Date	2004-01-08
	First Named Inventor	Khalid M. Medhat
	Art Unit	2661
	Examiner Name	
	Attorney Docket Number	1295a

U.S.PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
/BAP/	1	4970721		1990-11-13	Aczel et al.	
/BAP/	2	5278972		1994-01-11	Baker et al.	
/BAP/	3	5590133		1996-12-31	Billström et al.	
/BAP/	4	5610977		1997-03-11	Williams et al.	
/BAP/	5	5689555		1997-11-18	Sonnenberg	
/BAP/	6	5715239		1998-02-03	Hyodo et al.	
/BAP/	7	5774675		1998-06-30	Uchida	
/BAP/	8	5793857		1998-08-11	Barnes et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		Application Number		10754018
		Filing Date		2004-01-08
		First Named Inventor		Khalid M. Medhat
		Art Unit		2661
		Examiner Name		
		Attorney Docket Number		1295a

/BAP/	9	5915009		1999-06-22	Williams et al.	
/BAP/	10	5920562		1999-07-06	Christie et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S.PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1							<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1		<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Not for submission under 37 CFR 1.99)

Application Number	10754016
Filing Date	2004-01-08
First Named Inventor	Khalid M. Medhat
Art Unit	2661
Examiner Name	
Attorney Docket Number	1295a

EXAMINER SIGNATURE

Examiner Signature	/Bob Phunkulh/	Date Considered	06/21/2007
--------------------	----------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.